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Flexible tubular guide - made from spiral strip or rings with flexible traction element along one side

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Number of Countries: 001 Number of Patents: 001

Patent Family:

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FR 2713492	A1	19950616	FR 9314960	A	19931209	A61M-025/092	199529 B

Priority Applications (No Type Date): FR 9314960 A 19931209

Patent Details:

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FR 2713492	A1		16			

Abstract (Basic): FR 2713492 A

The guide for a supple element sliding inside it, especially a catheter or endoscope, consists of a flexible structure (1) surrounding a central duct (2) and containing at least one flexible traction element (3) and attached to the side of the guide which is able to contract, so that the guide bends when the traction element is pulled.

The traction element is in the form of a flat metal wire, and the tubular structure can be in the form of a series of rings linked on one side to the traction element and equipped with spacers, on the other, or a spiral strip. In variants of the design the tube can be in one piece with transverse slots providing its flexibility, and the traction element can be located inside a lengthwise channel.

ADVANTAGE - More convenient to control while bending it in the required direction.

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International Patent Class (Main): A61M-025/092

